

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	12112	((382,124,125,115,254,173,289,209,116,266,272,126,127,195,296,260,274,190,192,228,154.cds.)) CQLS	USPAT	OR	OFF	2011/02/17 13:33
L4	1	L3 and(extract\$3 adj features or feature adj alignment)and(fingerprint or finger adj print or minutiae)and(test or input adj image or reference adj image or template)and location and orientation and(detect\$3 or determining)adj weight\$3	USPAT	OR	ON	2011/02/17 13:34
L5	53	L3 and(extract\$3 adj features or feature adj alignment)and(fingerprint or finger adj print or minutiae)and(test or input adj image or reference adj image or template)and location and orientation	USPAT	OR	ON	2011/02/17 13:35
L6	0	L5 and feature adj alignment and difference adj measuring and weight\$3 and(fingerprint or finger adj print or minutiae)and location and orientation	USPAT	OR	ON	2011/02/17 13:35
L7	0	L5 and(fingerprint or finger adj print or minutiae)and summing adj weights and(less or more)and threshold and difference and (detect\$3 or determin\$3)and(score or similarity)and(test or reference)adj imag\$1	USPAT	OR	ON	2011/02/17 13:36
L8	0	L5 and(fingerprint or finger adj print or minutiae)and summing adj weights and(less or more)and threshold and(score or similarity)and(test or reference)adj imag\$1	USPAT	OR	ON	2011/02/17 13:37
L9	0	(fingerprint or finger adj print or minutiae)and summing adj weights and(less or more)and threshold and(score or similarity)and (test or reference)adj imag\$1	USPAT	OR	ON	2011/02/17 13:37
L10	0	L5 and(fingerprint or finger adj print or minutiae)and summing adj weights	USPAT	OR	ON	2011/02/17 13:37
L11	1	L5 and(fingerprint or finger adj print or minutiae)and summing and weights	USPAT	OR	ON	2011/02/17 13:38
L12	0	L5 and(fingerprint or finger adj print or minutiae)same summing and weights	USPAT	OR	ON	2011/02/17 13:42
L13	520	340/5.82,5.83.CQLS	USPAT	OR	ON	2011/02/17 13:47
L14	13	L13 and(extract\$3 adj features or feature adj alignment)and(fingerprint or finger adj print or minutiae)and(test or input adj image or reference adj image or template)and location and orientation	USPAT	OR	ON	2011/02/17 13:47
L15	0	L14 and(fingerprint or finger adj print or minutiae)and summing adj weights and(less or more)and threshold and(score or similarity)and(test or reference)adj imag\$1	USPAT	OR	ON	2011/02/17 13:48
L16	0	L14 and(fingerprint or finger adj print or minutiae)and summing adj weights	USPAT	OR	ON	2011/02/17 13:49
L17	1005	356/71.CQLS	USPAT	OR	ON	2011/02/17 14:05
L18	2	L17 and(extract\$3 adj features or feature adj alignment)and(fingerprint or finger adj print or minutiae)and(test or input adj image or reference adj image or template)and location	USPAT	OR	ON	2011/02/17 14:05
L19	0	L18 and(fingerprint or finger adj print or minutiae)and summing adj weights and(less or more)and threshold and(score or similarity)and(test or reference)adj imag\$1	USPAT	OR	ON	2011/02/17 14:05
L20	2	L17 and(fingerprint or finger adj print or minutiae)and summing and weights	USPAT	OR	ON	2011/02/17 14:06
L21	0	L18 and(fingerprint or finger adj print or minutiae)and summing adj weights and(less or more)and threshold and(score or similarity)and(test or reference)adj imag\$1	USPAT	OR	ON	2011/02/17 14:11

S1	0	extract\$3 adj features near4(fingerprint or finger adj print)near4(test or input adj image)near4(reference adj image or template) and location and orientation and (detect\$3 or determining)near3 weight	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 10:40
S2	0	extract\$3 adj features and(fingerprint or finger adj print)near4(test or input adj image)near4(reference adj image or template) and location and orientation and (detect\$3 or determining)near3 weight	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 10:41
S3	1	extract\$3 adj features and(fingerprint or finger adj print)and(test or input adj image)near4(reference adj image or template)and location and orientation and (detect\$3 or determining)near3 weight	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 10:41
S4	0	(extract\$3 adj features and(fingerprint or finger adj print)and(test or input adj image)and(reference adj image or template)and location and orientation and (detect\$3 or determining)and weight) C.J.M.	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 10:42
S5	2648	comparing and features and(test or input adj image)and(reference adj image or template)and location and orientation and (detect\$3 or determining)and weight and aligning and threshold and(less or more)and(similarity or scores)	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 10:54
S6	0	S1 and(@ad<"20011019" or @lad<"20011019" or @prad<"20011019" or @plad<"20011019")	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:00
S7	1868	S5 and(@ad<"20011019" or @lad<"20011019" or @prad<"20011019" or @plad<"20011019")	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:00
S8	511	S5 and @ad<"20011019"	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:01
S9	3	S8 and measur\$3 adj difference and locations and orientations	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:02
S10	30	extract\$3 adj features and(fingerprint or finger adj print)and(test or input adj image)and(reference adj image or template)and location and orientation and (detect\$3 or determining)near3 weight	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:03

S11	5	S10 and comparing and features and(test or input adj image)and(reference adj image or template)and location and orientation and(detect\$3 or determining)and weight and aligning and threshold and(less or more)and(similarity or scores)	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:04
S12	0	S11 and @ed<*20011019"	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:04
S13	38	(extract\$3 adj features or feature adj alignment)and(fingerprint or finger adj print or minutiae)and(test or input adj image or reference adj image or template)and location and orientation and(detect\$3 or determining)adj weight\$3	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:13
S14	5	S13 and comparing and features and(test or input adj image)and(reference adj image or template)and location and orientation and(detect\$3 or determining)and weight\$3 and aligning and threshold and(less or more)and(similarity or scores)	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:14
S15	0	S14 and @ed<*20011019"	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:14
S16	2	feature adj alignment and difference adj measuring and weight\$3 and(fingerprint or finger adj print or minutiae)and(test or input adj image or reference adj image or template)and location and orientation	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:19
S17	0	S16 and @ed<*20011019"	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:20
S18	2	feature adj alignment and difference adj measuring and weight\$3 and(fingerprint or finger adj print or minutiae)and location and orientation	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:21
S19	0	(extract\$3 adj features or feature adj alignment)same(fingerprint or finger adj print or minutiae)same(test or input adj image or reference adj image or template)same location same orientation and(detect\$3 or determining)adj weight\$3	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:24
S20	4	(extract\$3 adj features or feature adj alignment)same(fingerprint or finger adj print or minutiae)and(detect\$3 or determining)adj weight\$3	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:25

S21	96	((("20030076985") or ("6185318") or ("6049621") or ("6314197") or ("5659626") or ("5799098") or ("5926555") or ("7257241") or ("20060153433") or ("5883971") or ("5963656") or ("6072895") or ("6111978") or ("4310827") or ("4607384") or ("5878157") or ("6263091") or ("6289112") or ("6324297") or ("6778685") or ("20040175023") or ("20040218791") or ("6487306") or ("5717777") or ("5917928") or ("6253193") or ("6363488") or ("6389402") or ("6427140") or ("20040028261") or ("5995640") or ("5605963") or ("5493621") or ("5901239") or ("5960101") or ("5974163") or ("5978495") or ("6064753") or ("6173068") or ("6266433") or ("6314401") or ("6597802") or ("7072523") or ("7116806") or ("7356171") or ("7369684") or ("7728959") or ("20020146178") or ("20050123175") or ("20070154073") or ("").pn)).PN	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/17 11:30
S22	2	S21 and feature adj alignment and difference adj measuring and weight\$3 and(fingerprint or finger adj print or minutiae)and (test or input adj image or reference adj image or template)and location and orientation	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:31
S23	78	S21 and @ad<"2011019"	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:31
S24	0	S23 and(extract\$3 adj features or feature adj alignment)and(fingerprint or finger adj print or minutiae)and(test or input adj image or reference adj image or template)and location and orientation and(detected\$3 or determining)adj weight\$3	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:32
S25	1	S23 and(fingerprint or finger adj print or minutiae)and(test or input adj image or reference adj image or template)and location and orientation and(detected\$3 or determining)adj weight\$3	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:33
S26	6	S23 and comparing and features and(test or input adj image)and(reference adj image or template)and location and orientation and(detected\$3 or determining)and weight\$3 and aligning and threshold and(less or more)and(similarity or scores)	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:36
S27	1	S25 and(fingerprint or finger adj print or minutiae)and(test or input adj image or reference adj image or template)and location and orientation and(detected\$3 or determining)adj weight\$3	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:36
S28	0	S25 and feature adj alignment and difference adj measuring and weight\$3 and(fingerprint or finger adj print or minutiae)and location and orientation	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:41
S29	0	S23 and feature adj alignment and difference adj measuring and weight\$3 and(fingerprint or finger adj print or minutiae)and location and orientation	US-RGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:42
S30	23	((BABACK) near2 (MOGHADDAM)).INV.	US-RGPUB; USPAT	OR	ON	2011/02/17 11:45

S31	1	S30 and(fingerprint or finger adj print or minutiae)and(test or input adj image or reference adj image or template)and location and orientation and(detect\$3 or determining)adj weight\$3	US-PG&PUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 11:53
S32	0	S27 and summing adj weights and(less or more)and threshold and difference and (detect\$3 or determin\$3)and(score or similarity)and(test or reference)adj image	US-PG&PUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 12:01
S33	1	(fingerprint or finger adj print or minutiae)and summing adj weights and(less or more)and threshold and difference and(detect \$3 or determin\$3)and(score or similarity)and(test or reference)adj image\$1	US-PG&PUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/17 12:08

2/17/11 2:11:52 PM

C:\Documents and Settings\Schawan\My Documents\ EAST Workspaces\7409.wsp